A. Mission or Task: Risk Assessment **Date prepared:** Annex F ISBC-W Range Complex	**B. Date/Time Group** Begin: 1 October 2002 End: 1 October 2003	**C.** 1 October 2002

D. Prepared By: Mr., Range Facility Manager

E. Task	**F. Identify Hazards**	**G. Assess Residual Risk**	**H. Develop Controls (“How To”)**	**I. Determine Hazards**	**J. Implement Controls**
1. Dry Fire Operation	Slips/Trips/Falls	Moderate(IIIC)	Proper foot gear and maintain trails (holes/pits/police)	Low (IIIE)	Wear proper foot gear and maintenance of trails
2. Blank Fire Operation	Blank Ammunition: -Fire	Moderate (IIE)	Prohibit flammable material near ammo area	Low (IIIE)	Ensure fire extinguishers are present and train personnel on use
	-Improper use and handling of blanks	Moderate (IID)	Minimize persons handling. Prohibit removal from package until use	Low (IIIE)	Ensure careful handling near ammo area. Emphasize control and accountability.

E. Task	F. Identify Hazards	G. Assess Hazards	H. Develop Controls	I. Determine Residual Risk	J. Implement Controls ("How To")
2. Blank Fire Operation	-Loaded Weapons	High (IIC)	Keep weapons up and down range at all times	Moderate (IIID)	Establish misfire procedures and rehearse immediate Continued action drill. No horseplay.
	-Practice Grenades	Moderate (IID)	Perform to same standards as live fire operations	Low (IIID)	Train to standard and stress proper throwing techniques
	-Noise Hazards	High (IIC)	Wear proper hearing protection	Low (IIID)	Ensure hearing protection is available and worn
3. Live Fire Operation	Grenade Effects: -Grenade fragments	High (IC)	Training to standards and use use proper throwing techniques	Moderate (IID)	1. Rehearse prior to live fire and train to standard. 2. Close coordination and supervision of assault teams. 3. Follow the commands of RSO at all times. 4. Explicit training in fraticide. 5. Wear helmet and protective vest. 6. Maintain proper

E. Task	F. Identify Hazards	G. Assess Hazards	H. Develop Controls	I. Determine Residual Risk	J. Implement Controls ("How To")
3. Live Fire (IID) Operation assistance. Continued not to	-Armed grenade	High (ID)	Develop and thoroughly rehearse Train soldiers to standard.	Moderate	Contact EOD for Motivate soldiers abuse grenades.
Stress in written procedures and to every soldier.	-Improperly cooked off grenade	High (IC)	Cooking off grenades is	Low (IIE)	
Ensure careful handling near ammo area. Emphasize and accountability.	Small Arms Effects Ammunition: - Improper handling handling of blanks	High (ID)	Minimize persons handling. Prohibit removal from package until use	Moderate (IIE)	control Ensure receipt of correct blank ammo.
Train personnel on proper misfire/clearing procedures.	-Malfunction	High (ID)	Develop misfire and clearing procedures	Moderate (IIE)	
cook off.					Stress danger of

E. Task	F. Identify Hazards	G. Assess Hazards	H. Develop Controls	I. Determine Residual Risk	J. Implement Controls ("How To")
5. Exiting Range Require RSO or OIC to clear all weapons	Uncleared Weapon	High (ID)	Weapons must be cleared off the range by	the RSO or OIC	Low (IIE)

NOTE: Control measures will be briefed and incorporated into the SOP. Supervision and training to standard are key to mission success. The Range Safety Officer, OIC and any other safety personnel will ensure that these control measures are implemented, the SOP is adhered to, and high standards of safety are maintained at all times to ensure risks are minimized.

All personnel will be briefed on the control measures, emergency procedures and review lessons learned from previous accidents prior to training. Emergency procedures will be rehearsed, to include, simulating calling, contacting Range Control, directing immediate cease fire, etc.

RISK ASSESSMENT RATING: The overall rating given to the ISBC-W Range Complex is (**HIGH**). Implementing the suggested control measures will reduce the rating. The residual risk given the ISBC-W Range Complex is (**MODERATE**).

K. Determine overall mission/task risk level after controls are implemented (circle one)

LOW (L) MODERATE (M) HIGH (H) EXTREMELY HIGH (E)